Amendments to the Claims:

Re-write the claims as set forth below. This listing of claims will replace all prior versions and listings, of claims in the application:

Listing of Claims:

1.   (Canceled)

2.   (Canceled)

3.   (Original) The system according to claim 2, wherein the clock is updated only when the comparison indicates that a station identified by the channel identification data is in the same time zone as the electronic equipment.

4.   (Original) The system according to claim 3, wherein the real time signal is a television signal, and wherein the channel identification data and the current time value are contained in a vertical blanking interval of the television signal.

5.   (Original) The system according to claim 3 wherein the real time signal is a digital television signal, and wherein the channel identification data and the current time value are contained in a data payload of the digital transport stream.

6.   (Original) The system according to claim 4, wherein the extraction module extracts the channel identification data and the current time value from the vertical blanking interval of the television signal.

7.   (Canceled)

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8.   (Currently Amended) A system for updating an interval clock in a computer, comprising:

a tuner having an input that receives a real time analog television signal;

a video decoder operatively coupled to the tuner, the video decoder converting the analog television signal to a digital television signal;

a capture engine operatively coupled to the video decoder, the capture engine converting the digital television signal to display data;

a vertical blanking interval decoder coupled to the configured to obtain the display dataframe buffer, the vertical blanking interval decoder deriving information data from the display data, the information data[[that]] is indicative of information stored in a vertical blanking interval of the television signal;

an extraction module operatively coupled to the vertical blanking interval decoder, receiver system, the extraction module extracting at least time stamp information and channel identification information from the information data;

a validating unit that is operatively coupled to the extraction module, the validating unit comparing channel identification data derived from the information data to time zone data in the computer, the time zone data being indicative of a time zone in which the computer is currently located; and

an update module operatively coupled to the extraction module and the validation module, the update module updating the interval clock in the computer when a current value of the time stamp information current time value of the display data differs from a current value of the interval clock in the computer and when the comparison indicates that a station identified by the channel identification [[data]]information is in the same time zone as the computer.

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9. (Currently Amended) The system according to claim 8, wherein the channel

identification [[data]]information and the current[[time]] value of the time stamp

information are contained in [[a]]the vertical blanking interval of the television signal.

10. (Currently Amended) The system according to claim 8, wherein the interval clock is

updated when the current [[time]] value of the time stamp information of the display data

differs by a predetermined amount from a current value of the interval clock in the

computer.

11. (Original) A system for updating an interval clock in a computer, comprising:

a tuner having an input that receives a real time analog television signal;

a video decoder operatively coupled to the tuner, the video decoder converting the analog television signal to a digital television signal ;

a capture engine operatively coupled to the video decoder, the capture engine converting the digital television signal to display data in a frame buffer;

an extraction module operatively coupled to the frame buffer, the extraction module having optical character recognition capability for extracting at least current time information from the display data; and

an update module operatively coupled to the extraction module, the update module updating the clock in the computer when a current value of the current time value of the display data differs from a current value of the clock in the computer.

12. (Original) The system according to claim 11, wherein the system further comprises a module for selecting an area on a display containing a time box.

13. (Original) The system according to claim 11, wherein the clock is updated only when the comparison indicates that a station identified by the channel identification data is in the same time zone as the computer.

14. (Original) The system according to claim 11, wherein the clock is updated when the current time value of the display data differs by a predetermined amount from a current value of the clock in the computer.

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15. (Canceled)

16. (Canceled)

17. (Original) The method according to claim 16, wherein the clock is updated only when the comparison indicates that a station identified by the channel identification data is in the same time zone as the electronic equipment.

18. (Original) The method according to claim 17, wherein real time signal is a television signal, and wherein the channel identification data and the current time value are contained in a vertical blanking interval of the television signal.

19. (Original) The method according to claim 18, wherein the method further comprises the step of extracting the channel identification data and the current time value from the vertical blanking interval of the television signal.

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20. (Currently Amended) A method for updating an interval clock in a computer, the computer having a tuner having an input that receives a real time analog television signal, a video decoder operatively coupled to the tuner, the video decoder converting the analog television signal to a digital television signal, comprising the steps of:

converting the digital television signal to display data and storing the display data in a frame buffer;

deriving information data from the digital television signaldisplay data stored in the frame buffer, [[that]]the information data is indicative of information stored in a vertical blanking interval of the television signal;

extracting at least time stamp information and channel identification information from the information data;

comparing the channel identification [[data]]information derived from the information data to time zone data in the computer, the time zone data being indicative of a time zone in which the computer is currently located; and

updating the interval clock in the computer when a current value of the time stamp informationcurrent time value of the information data stored in the vertical blanking interval differs from a current value of the interval clock in the computer and when the comparison indicates that a station identified by the channel identification [[data]]information is in the same time zone as the computer.

21. (Currently Amended) The method according to claim 20, wherein the channel identification [[data]]information and the current [[time]]value of the time stamp information are contained in [[a]]the vertical blanking interval of the television signal.

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22.   (Currently Amended) The method according to claim 20, wherein the <u>interval</u> clock is updated when the current [[time]] value <u>of the time stamp information</u> ~~of the display data~~ differs by a predetermined amount from a current value of the <u>interval</u> clock in the computer.

23.   (Original) A method for updating an interval clock in a computer, the computer having a tuner having an input that receives a real time analog television signal, a video decoder operatively coupled to the tuner, the video decoder converting the analog television signal to a digital television signal, and a capture engine operatively coupled to the video decoder, the capture engine converting the digital television signal to display data, comprising the steps of:

extracting at least current time information from the display data using optical character recognition; and

updating the clock in the computer when a current value of the current time value of the display data differs from a current value of the clock in the computer.

24.   (Original) The method according to claim 23, wherein the method further comprises the step of comparing channel identification data derived from the display data to time zone data in the computer, the time zone data being indicative of a time zone in which the computer is currently located.

25.   (Original) The method according to claim 23, wherein the clock is updated only when the comparison indicates that a station identified by the channel identification data is in the same time zone as the computer.

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26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (New) A system for updating an interval clock in a computer, comprising:

a tuner having an input that receives a digital television signal having a transport stream;

a digital television demodulator to decode the transport stream;

a transport stream parser to separate PSIP data from the transport stream;

an extraction module operative to derive information data from the PSIP data;

an update module operatively coupled to the extraction module, the update module updating the interval clock in the computer when a current time value of the information data differs from a current value of the interval clock in the computer;

a validating unit that is operatively coupled between the extraction module and the update module, the validating unit comparing channel identification data derived from the information data to time zone data in the computer, the time zone data being indicative of a time zone in which the computer is currently located; and

wherein the interval clock is updated only when the comparison indicates that a station identified by the channel identification data is in the same time zone as the computer.

31. (New) The system according to claim 30, wherein the interval clock is updated when the current time value of the information data differs by a predetermined amount from a current value of the interval clock in the computer.

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